

Recombinant soluble Fc receptors

Publication number: JP2002531086 (T)

Publication date: 2002-09-24

Inventor(s):

Applicant(s):

Classification:













- international: *A61K38/00; A61K45/00; A61P19/02; A61P29/00; A61P31/18; A61P35/00; A61P37/02; A61P37/08; C07K14/735; C12N1/21; C12N15/09; C12N15/12; G01N33/53; C12R1/19; A61K38/00; A61K45/00; A61P19/00; A61P29/00; A61P31/00; A61P35/00; A61P37/00; C07K14/435; C12N1/21; C12N15/09; C12N15/12; G01N33/53; (IPC1-7): A61K38/00; A61K45/00; A61P19/02; A61P29/00; A61P31/18; A61P35/00; A61P37/02; A61P37/08; C07K14/735; C12N1/21; C12N15/09; C12R1/19; G01N33/53*

- European: C07K14/705B26

Application number: JP20000585398T 19991203

Priority number(s): EP19980122969 19981203; WO1999EP09440 19991203

Also published as:

 EP1006183 (A1)
 US7074896 (B1)
 US2009292113 (A1)
 US2007207163 (A1)
 US7504482 (B2)
 NZ511664 (A)
 ES2249926 (T3)
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 DE69927518 (T2)
 CA2352539 (A1)
 AU1780000 (A)
 AT305511 (T)

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Abstract not available for JP 2002531086 (T)

Abstract of corresponding document: **EP 1006183 (A1)**

Recombinant soluble Fc receptors according to the present invention are characterized by the absence of transmembrane domains, signal peptides and glycosylation. Such Fc receptors can easily be obtained by expressing respective nucleic acids in prokaryotic host cells and renaturation of the obtained inclusion bodies, which procedure leads to a very homogenous and pure product. The products can be used for diagnostic as well as pharmaceutical applications and also for the generation of crystal structure data. Such crystal structure data can be used for the modelling of artificial molecules. A further embodiment comprises coupling the Fc receptors according to the invention to solid materials like chromatography materials that can be used to separate and/or enrich antibodies.

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